

Unit: 1.9

Technology Outside School

Key Learning

- To walk around the local community and find examples of where technology is used.
- To record examples of technology outside school.

Key Vocabulary

Technology

Science and engineering knowledge put into practical use to solve problems or invent useful tools.

Key Resources



2Publish Plus

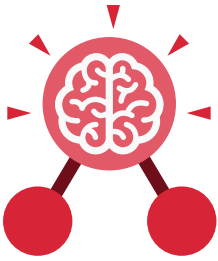
Key Questions

What is technology?

Technology is the use of knowledge to invent new devices or tools. Throughout history, technology has made people's lives easier.

How does technology make our lives easier?

Technology has made life easier in many areas. It is now much easier to communicate around the world. Messages that used to take weeks to reach the sender can now be sent and received in seconds. We are surrounded by technology from your toys, to machines in your house, to systems that control traffic and planes.



Unit: 1.8

Spreadsheets

Key Learning

- To know what a spreadsheet program looks like.
- To locate 2Calculate in Purple Mash.
- To enter data into spreadsheet cells.
- To use 2Calculate image tools to add clipart to cells.
- To use 2Calculate control tools: lock, move cell, speak and count.

Key Resources



2Calculate

Key Questions

What does a spreadsheet look like?

It has a grid of cells. These are in rows and columns.

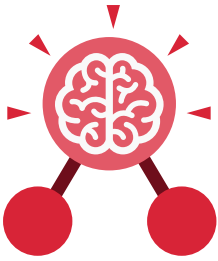
The cells can be coloured, and you can type into them. You can use the toolbox to do different things with the data in the cells.

How could you use a spreadsheet to add up values?

You can enter numbers and operators such as +, -, x in the cells. Entering an equals sign in the correct cell will perform calculations.

How could you use the count and speak tools?

The count tool will count the number of cells containing the same value or colour as it. The speak tool will say this number each time you click on the cell or the number changes.



Unit: 1.8

Spreadsheets

Key Vocabulary

Arrow keys

On a standard keyboard these can be used to move around the cells of a spreadsheet.

Backspace key

Use this key to delete the character before the current cursor position.

Cursor

An indicator on a computer screen identifying the point that will be affected by input from the user. Often a blinking vertical line.

Columns

Vertical reference points for the cells in a spreadsheet.

Cells

An individual section of a spreadsheet grid. It contains data or calculations.

Clipart

Simple pictures and symbols available for computer users to add to documents.

Count Tool

In 2Calculate, this counts the number of cells with a value that matches the value of the cell to the left of the tool.

Delete key

Use this key to remove the contents of a cell.

Image Toolbox

Use this to insert images into cells.

Lock tool

This tool prevents cell values being changed.

Move cell tool

This tool makes a cell's contents moveable by drag-and-drop methods.

Rows

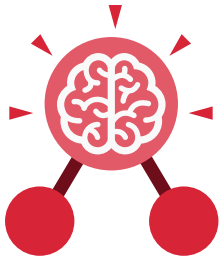
Vertical reference points for the cells in a spreadsheet.

Speak Tool

This tool will speak the contents of a cell containing a number each time the value changes.

Spreadsheet

A computer program that represents information in a grid of rows and columns.



Unit: 1.8

Spreadsheets

Key Images



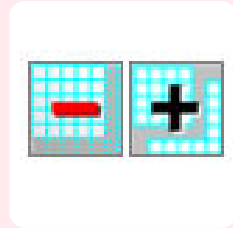
Open, close or share a file



Save your work



Open a previously saved file



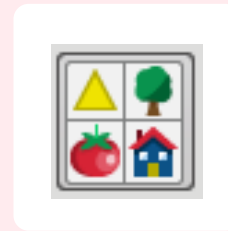
Increase or decrease spreadsheet size



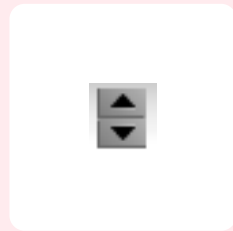
The 2Calculate toolbox



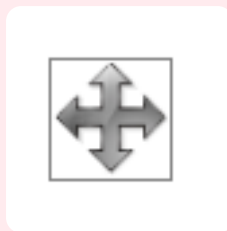
The 2Calculate image toolbox



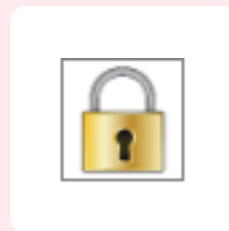
Clipart Picker



The 2Calculate control toolbox



Move cell tool



Lock cell tool



Speak tool



Count tool